

Amendments to the Claims

The listing of claims will replace the previous version, and the listing of claims:

Listing of Claims

1. (Currently amended) A method for manufacturing a thermoplastic resin vessel, ~~in which a cup-shaped vessel is thermally formed from a thermoplastic resin sheet by a plug, the method~~ comprising the steps of:

fixing a thermoplastic resin sheet outside a forming portion of a cup-shaped vessel;

pre-forming the thermoplastic resin sheet by ~~the~~ a plug; and  
~~next~~

clamping ~~the~~ a pre-formed portion of the thermoplastic resin sheet inside a portion where the thermoplastic resin sheet is fixed; and ~~to accomplish the forming~~

drawing the pre-formed portion further by the plug into a lower mold to form the cup-shaped vessel.

2. (Canceled)

3. (Original) The method for manufacturing the thermoplastic resin vessel according to claim 1, wherein the pre-forming step comprises the steps of: drawing a portion corresponding to an orifice portion or a flange portion of the cup-shaped vessel.

4. (Canceled)

5. (Currently amended) The method for manufacturing the thermoplastic resin vessel according to claim 3, wherein the clamping step comprises the steps of: extruding a part of a resin in ~~the~~ a portion corresponding to the flange portion in flange

inner and outer peripheral directions; and forming the flange portion.

6. (Canceled)

7. (Original) The method for manufacturing the thermoplastic resin vessel according to claim 3, further comprising the steps of: applying a lubricant to at least a portion of the thermoplastic resin sheet corresponding to the flange portion.

8. (Canceled)

9. (Original) The method for manufacturing the thermoplastic resin vessel according to claim 5, further comprising the steps of: applying a lubricant to at least a portion of the thermoplastic resin sheet corresponding to the flange portion.

10. (Canceled)

11. (Previously presented) The method for manufacturing the thermoplastic resin vessel according to claim 1, wherein the thermoplastic resin sheet is formed of at least a thermoplastic polyester resin.

12. (Currently amended) The method for manufacturing the thermoplastic resin vessel according to claim 1, ~~wherein the thermal forming step comprises a forming method~~ further comprising the steps of:

pneumatically forming the thermoplastic resin sheet into a shape of a the lower mold heated at not less than a crystallization temperature of the thermoplastic resin sheet, and thermally fixing the sheet; and

~~thereafter~~ decompressing ~~the~~ an inside of a formed article to contract the formed article, ~~forming the article~~ into a shape of the plug which is a final vessel shape, and cooling the article.

13. (Previously presented) The method for manufacturing the thermoplastic resin vessel according to claim 1, further comprising the steps of: forming the sheet in such a manner that a height (H)/orifice portion inner diameter (D) of the thermoplastic resin vessel is in a range of 1.3 to 2.1.

14. (Previously presented) The method for manufacturing the thermoplastic resin vessel according to claim 1, further comprising the steps of: forming the sheet in such a manner that an area drawing magnification of a bottom part of the thermoplastic resin vessel is in a range of 3.5 to 10 times.

15. (New) A method for manufacturing a thermoplastic resin vessel, comprising the steps of:

fixing a thermoplastic resin sheet outside a forming portion of a cut-shaped vessel;

pre-forming the thermoplastic resin sheet by a plug;

clamping a pre-formed portion of the thermoplastic resin sheet inside a portion where the thermoplastic resin sheet is fixed;

drawing the pre-formed portion further by the plug;

pneumatically forming the thermoplastic resin sheet into a shape of a lower mold heated at not less than a crystallization temperature of the thermoplastic resin sheet, and thermally fixing the sheet; and

decompressing an inside of a formed article to contract the formed article into a shape of the plug which is a final vessel shape, and cooling the article.